

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|---------|---------------------------------|---------------------------------|------------------|---------|------------------|
| S1 | 1 | ("20040047254").PN. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 15:17 |
| S2 | 85 | (369/47.46).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/24 19:24 |
| S3 | 466007 | clock\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/05/23 16:03 |
| S4 | 578837 | sync synchron\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/30 17:54 |
| S5 | 2183327 | speed velocity | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/05/23 16:04 |
| S6 | 4716010 | data information signal | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/05/24 19:23 |
| S7 | 16244 | S3 same S4 same S5 same S6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/05/23 16:07 |
| S8 | 3347612 | data information | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/05/23 16:07 |
| S9 | 11155 | S3 same S4 same S5 same S8 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/05/23 16:50 |
| S10 | 11 | S9 and S2 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/05/23 16:50 |
| S11 | 600949 | (data information) near3 signal | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/05/24 19:23 |
| S12 | 466007 | clock\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/05/24 19:23 |
| S13 | 578837 | sync synchron\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/30 17:52 |
| S14 | 31479 | S11 same S12 same S13 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/05/24 19:24 |
| S15 | 183 | (369/47.48).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/24 19:24 |
| S16 | 85 | (369/47.46).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/05/24 19:24 |

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| S17 | 68 | (S15 S16) and (S11 same S12 same S13) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/05/24 19:24 |
| S18 | 1 | ("20020024153").PN. | US-PGPUB; USPAT | OR | OFF | 2006/06/20 13:54 |
| S19 | 1 | ("20040047254").PN. | US-PGPUB; USPAT | OR | OFF | 2006/06/20 15:42 |
| S20 | 85 | (369/47.46).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/06/20 15:42 |
| S21 | 469298 | clock\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 15:42 |
| S22 | 582890 | sync synchron\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 15:42 |
| S23 | 2196597 | speed velocity | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 15:49 |
| S24 | 4740744 | data information signal | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 15:42 |
| S25 | 16374 | S21 same S22 same S23 same S24 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 15:50 |
| S26 | 3368801 | data information | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 15:42 |
| S27 | 11252 | S21 same S22 same S23 same S26 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 15:42 |
| S28 | 11 | S27 and S20 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 15:42 |
| S29 | 606603 | (data information) near3 signal | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 15:42 |
| S30 | 469298 | clock\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 15:42 |
| S31 | 582890 | sync synchron\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 15:42 |
| S32 | 31726 | S29 same S30 same S31 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 15:42 |
| S33 | 189 | (369/47.48).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/06/20 15:42 |

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| S34 | 85 | (369/47.46).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/06/20 15:42 |
| S35 | 69 | (S33 S34) and (S29 same S30 same S31) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 15:42 |
| S36 | 1 | ("20020024153").PN. | US-PGPUB; USPAT | OR | OFF | 2006/06/20 15:42 |
| S37 | 3176433 | speed rate | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 16:41 |
| S38 | 15691 | S21 same S22 same S23 same S24 same S37 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 15:53 |
| S39 | 60 | S38 and (S33 S34) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 16:52 |
| S40 | 1 | ("6538965").PN. | US-PGPUB; USPAT | OR | OFF | 2006/06/20 16:50 |
| S41 | 1781419 | record\$3 writ\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 16:51 |
| S42 | 8417 | S41 same S21 same S22 same S29 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 16:51 |
| S43 | 42198 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/06/20 16:51 |
| S44 | 1261 | S42 and S43 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 16:52 |
| S45 | 55 | S42 and (S33 S34) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 17:01 |
| S46 | 38259 | decoder same (speed rate) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 17:01 |
| S47 | 16 | S45 and S46 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 17:50 |
| S48 | 3 | ATIP near2 PLL | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/06/20 17:50 |
| S51 | 490610 | clock\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:18 |
| S52 | 608711 | sync synchron\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:18 |

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| S53 | 2281475 | speed velocity | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:18 |
| S54 | 5174164 | data information signal | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:18 |
| S55 | 17098 | S51 same S52 same S53 same S54 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:18 |
| S56 | 641486 | (data information) near3 signal | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:18 |
| S57 | 490610 | clock\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:18 |
| S58 | 608711 | sync synchron\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:18 |
| S59 | 33223 | S56 same S57 same S58 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:18 |
| S60 | 206 | (369/47.48).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 15:18 |
| S61 | 87 | (369/47.46).CCLS. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 15:18 |
| S64 | 490610 | clock\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:18 |
| S65 | 608711 | sync synchron\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:18 |
| S66 | 641486 | (data information) near3 signal | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:18 |
| S67 | 1115 | (spindle near2 motor) same (clock near2 (signal generator)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 16:23 |
| S68 | 43875 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2006/11/29 15:28 |
| S69 | 705 | S67 and S68 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:28 |
| S70 | 401 | (spindle near2 motor) near10 (clock near2 (signal generator)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:28 |

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| S71 | 267 | S70 and S68 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:40 |
| S72 | 111323 | transmission near2 (speed rate) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:40 |
| S73 | 3 | S67 same S72 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 15:40 |
| S74 | 80067 | ((servo spindle) near2 motor) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 16:23 |
| S75 | 218755 | (clock near2 (signal generator)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/29 16:23 |
| S76 | 803 | clock same (PLL (phase near2 locked near2 loop)) same ((spindle servo) near2 motor) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/30 17:53 |
| S77 | 609440 | sync synchron\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/30 17:54 |
| S78 | 63849 | decod\$3 same (ID identif\$8) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/30 17:55 |
| S79 | 75 | S76 and S77 and S78 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/30 17:55 |
| S80 | 38 | S76 same S77 and S78 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/30 18:16 |
| S81 | 1 | S76 same S77 same S78 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/30 17:55 |
| S82 | 8 | wobbl\$3 near10 (transmission near2 (speed velocity)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2006/11/30 18:17 |
| S83 | 819 | clock same (PLL (phase near2 locked near2 loop)) same ((spindle servo) near2 motor) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 15:46 |
| S84 | 620548 | sync synchron\$6 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 14:05 |
| S85 | 65511 | decod\$3 same (ID identif\$8) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 14:05 |

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| S86 | 38 | S83 same S84 and S85 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 14:05 |
| S87 | 75 | S83 and S84 and S85 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 14:05 |
| S88 | 1 | S83 same S84 same S85 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 14:05 |
| S89 | 8 | wobbl\$3 near10 (transmission near2 (speed velocity)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 14:05 |
| S90 | 60835 | ((satellite cable tv tuner) near2 box) ((channel frequency) near2 (reciever receiver)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 14:56 |
| S91 | 153195 | (without "no" "not") adj5 (buffer\$3 stor\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 15:34 |
| S92 | 110 | S90 same S91 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 15:23 |
| S93 | 1327 | optical\$3 same (writ\$3 record\$3) same S91 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 15:33 |
| S94 | 9 | optical\$3 near (writ\$3 record\$3) near S91 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 15:24 |
| S95 | 341 | optical\$3 near (writ\$3 record\$3) same S91 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 15:34 |
| S96 | 93895 | (without "no") adj3 (buffer\$3 stor\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 15:34 |
| S97 | 139 | optical\$3 near (writ\$3 record\$3) same S96 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 15:34 |
| S98 | 1446 | clock same S84 same (transmission near (speed rate)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 15:50 |
| S99 | 360 | clock near S84 same (transmission near (speed rate)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 15:51 |
| S10 1 | 12 | clock near S84 near (transmission near (speed rate)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 15:54 |

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| S10 2 | 4594 | go.in. | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 15:54 |
| S10 3 | 334 | record\$3 and S102 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 15:55 |
| S10 4 | 44616 | ("369").CLAS. | US-PGPUB; USPAT | OR | OFF | 2007/02/16 15:55 |
| S10 5 | 45 | S103 and S104 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/16 15:55 |
| S10 6 | 421 | (369/47.28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 15:17 |
| S10 7 | 55 | (369/47.41).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 15:17 |
| S10 8 | 89 | (369/47.46).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 15:17 |
| S10 9 | 207 | (369/47.48).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/02/20 15:17 |
| S11 0 | 24802 | channel near2 receiver | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 17:50 |
| S11 1 | 5749 | external near2 receiver | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/20 15:18 |
| S11 2 | 131830 | external near2 (signal input) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/20 15:18 |
| S11 3 | 934535 | sync\$9 clock | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/20 15:19 |
| S11 4 | 29854 | (S110 S111 S112) same S113 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/20 15:19 |
| S11 5 | 27 | S114 and (S106 S107 S108 S109) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/02/20 15:19 |
| S11 6 | 232769 | (channel frequenc\$6) near2 (receiv\$3 demodulat\$4) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 17:52 |
| S11 7 | 459 | (369/47.28).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/09/04 17:52 |
| S11 8 | 59 | (369/47.41).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/09/04 17:52 |
| S11 9 | 91 | (369/47.46).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/09/04 17:52 |

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| S12 0 | 216 | (369/47.48).CCLS. | US-PGPUB; USPAT | OR | OFF | 2007/09/04 17:52 |
| S12 1 | 26543 | channel near2 receiver | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 17:52 |
| S12 2 | 6258 | external near2 receiver | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 17:52 |
| S12 3 | 140391 | external near2 (signal input) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 17:52 |
| S12 4 | 981129 | sync\$9 clock | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 17:52 |
| S12 5 | 31607 | (S121 S122 S123) same S124 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 17:52 |
| S12 6 | 28 | S125 and (S117 S118 S119 S120) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 17:53 |
| S12 7 | 211412 | (clock timing sync\$10) near2 generat\$3 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 17:55 |
| S12 8 | 5141 | S116 same S127 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 17:56 |
| S12 9 | 40597 | spindle adj2 motor | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 17:55 |
| S13 0 | 15 | S116 same S127 same S129 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 18:05 |
| S13 1 | 1 | ("6742182").PN. | US-PGPUB; USPAT | OR | OFF | 2007/09/04 18:01 |
| S13 4 | 265492 | ((satellite cable tv tuner set) near2 box) ((channel frequency) near2 (reciev\$3 receiv\$3)) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 18:05 |
| S13 5 | 14 | S134 same S127 same S129 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 18:17 |
| S13 6 | 0 | external adj frequency adj receiver | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 18:16 |
| S13 7 | 194770 | video near2 signal | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 18:16 |

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| S13 8 | 40 | S137 same S127 same S129 | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 18:24 |
| S13 9 | 39 | S137 same S127 same S129 and (record\$3 writ\$3) | US-PGPUB; USPAT; EPO; JPO | OR | ON | 2007/09/04 18:24 |